

RECEIVED
CENTRAL FAX CENTER
DEC 01 2004

MILLS & ONELLO LLP

ATTORNEYS AT LAW
PATENTS TRADEMARKS AND COPYRIGHTS

ELEVEN BEACON STREET, SUITE 605
BOSTON, MASSACHUSETTS 02108

TELEPHONE: (617) 994-4800
FACSIMILE: (617) 742-7774
E-MAIL: MAIL@MILLSONELLO.COM

FACSIMILE TRANSMISSION

TO: United States Patent and Trademark Office **FROM:** Steven M. Mills
Examiner: David J. Huisman
Group Art Unit: 2183

FAX NO: (703) 872-9306 **DATE:** December 1, 2004

RE: U.S. Patent Application
"Method of an Address Trace Cache Storing Loop
Control Information to Conserve Trace Cache Area," by Sung-Bae Park
U.S. Serial No.: 09/714,325
U.S. Filing Date: November 15, 2000
Attorney Docket No.: SAM-0169

NUMBER OF PAGES INCLUDING COVER SHEET: 11

REMARKS:

The documents transmitted by this facsimile are intended for the use of the individual or the entity to which it is addressed and may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If the reader of the message is not the intended recipient, or the employee or agent responsible for delivering this document to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original facsimile to us at the above address via the Postal Service. Thank you.

J:\SAM\0169\RCE\RCEfaxcvrsh1.wpd

PATENT
Attorney Docket No.: SAM-0169
Customer No.: 29344

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Sung-Bae Park
Serial No.: 09/714,325
Filing Date: November 15, 2000
Title: METHOD OF AN ADDRESS TRACE CACHE STORING LOOP CONTROL
INFORMATION TO CONSERVE TRACE CACHE AREA

Examiner: Huisman, David J.
Group Art Unit: 2183

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper and any attachments hereto are being forwarded to the United States Patent and Trademark Office via facsimile at the facsimile telephone number and on the date indicated below.

12/1/04
Date

(703) 872-9306
Facsimile Number


Chelsey Davis

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

RECEIVED
CENTRAL FAX CENTER
DEC 01 2004

TRANSMITTAL LETTER

Sir:


Enclosed herewith for filing in the above-identified patent application please find the following listed items:

1. Fee Transmittal for FY 2005;
2. Petition for Extension of Time Under 37 C.F.R. § 1.136(a); and
3. Request for Continued Examination (RCE) Transmittal

In connection with the foregoing matter, please charge \$1,340.00, the fee believed to be due, and any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

Date: 12/1/04
Mills & Onello LLP
Eleven Beacon Street, Suite 605
Boston, MA 02108
Telephone: (617) 994-4900
Facsimile: (617) 742-7774
J:\SAM\0169\RCE\transRCEappln.wpd


Steven M. Mills
Registration Number 36,610
Attorney for Applicants

PATENT
Attorney Docket No.: SAM-0169
Customer No.: 29344

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Sung-Bae Park
Serial No.: 09/714,325
Filing Date: November 15, 2000
Title: METHOD OF AN ADDRESS TRACE CACHE STORING LOOP CONTROL
INFORMATION TO CONSERVE TRACE CACHE AREA

Examiner: Huisman, David J.
Group Art Unit: 2183

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper and any attachments hereto are being forwarded to the United States Patent and Trademark Office via facsimile at the facsimile telephone number and on the date indicated below.

12/1/04
Date

(703) 872-9306
Facsimile Number


Chelsey Davis

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER

Sir:

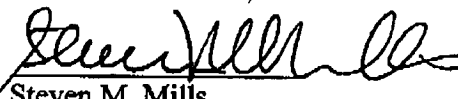
Enclosed herewith for filing in the above-identified patent application please find the following listed items:

1. Fee Transmittal for FY 2005;
2. Petition for Extension of Time Under 37 C.F.R. § 1.136(a); and
3. Request for Continued Examination (RCE) Transmittal

In connection with the foregoing matter, please charge \$1,340.00, the fee believed to be due, and any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

Date: 12/1/04
Mills & Onello LLP
Eleven Beacon Street, Suite 605
Boston, MA 02108
Telephone: (617) 994-4900
Facsimile: (617) 742-7774
J:\SAM\0169\RCE\transRCEappln.wpd


Steven M. Mills
Registration Number 36,610
Attorney for Applicants

PTO/SB/17 (11-04)

Approved for use through 07/31/2006. OMB 0851-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 10/01/2004, Patent fees are subject to annual revision.

FEE TRANSMITTAL
For FY 2005☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 1,340.00**Complete if Known**

Application Number **09/714,325**
 Filing Date **November 15, 2000**
 First Named Inventor **Sung-Bae Park**
 Examiner Name **Huisman, David J.**
 Art Unit **2183**
 Attorney Docket No. **SAM-0169**

RECEIVED
CENTRAL FAX CENTER
DEC 1 2004**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order☒ Deposit Account ☐ NoneDeposit
Account
Number
Deposit
Account
Name**50-1798****Mills & Onello, LLP**

The Director is hereby authorized to: (check all that apply)

- ☒ Charge fee(s) indicated below
- ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
- ☒ Credit any overpayments

to the above-identified deposit account.

☐ Other (please identify):

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING FEE**

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
Utility Filing Fee	790	395	790
Design Filing Fee	350	175	
Plant Filing Fee	550	275	
Reissue Filing Fee	790	395	
Provisional Filing Fee	160	80	

Subtotal (1) \$ 790**FEE CALCULATION** (continued)**2. EXTRA CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20	18	9
Each independent claim over 3	88	44
Multiple dependent claims	300	150
For Reissues, each claim over 20 and more than in the original patent	18	9
For Reissues, each independent claim more than in the original patent	88	44

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
--------------	--------------	----------	---------------

- 20 or HP = $\frac{\text{Total Claims} - 20}{\text{HP}}$ x Fee = $\frac{\text{Total Claims} - 20}{\text{HP}}$ x Fee

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
---------------	--------------	----------	---------------

- 3 or HP = $\frac{\text{Indep. Claims} - 3}{\text{HP}}$ x Fee = $\frac{\text{Indep. Claims} - 3}{\text{HP}}$ x Fee

HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
---------------------------	----------	---------------

Subtotal (2) \$**3. OTHER FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
1-month extension of time	110	55	
2-month extension of time	430	215	
3-month extension of time	980	490	
4-month extension of time	1,530	765	
5-month extension of time	2,080	1,040	
Information disclosure stmt. fee	180	180	
37 CFR 1.17(q) processing fee	50	50	
Non-English specification	130	130	
Notice of Appeal	340	170	
Filing a brief in support of appeal	340	170	
Request for oral hearing	300	150	

Other: **Extension of Time** 550with Deduction **Subtotal (3) \$ 550****SUBMITTED BY**

Signature 	Registration No. 36,610 (Attorney/Agent)	Telephone 617.994.4900
Name (Print/Type) Steven M. Mills		Date 12/1/04

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (11-04)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 10/01/2004. Patent fees are subject to annual revision.

**FEE TRANSMITTAL
For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 1,340.00**Complete if Known**

Application Number	09/714,325
Filing Date	November 15, 2000
First Named Inventor	Sung-Bae Park
Examiner Name	Huisman, David J.
Art Unit	2183
Attorney Docket No.	SAM-0169

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order☒ Deposit Account ☐ None

Deposit Account Number	50-1798
Deposit Account Name	Mills & Onello, LLP

The Director is hereby authorized to: (check all that apply)

- ☒ Charge fee(s) indicated below
- ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
- ☒ Credit any overpayments

to the above-identified deposit account.

☐ Other (please identify):

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING FEE**

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
Utility Filing Fee	790	395	790
Design Filing Fee	350	175	
Plant Filing Fee	550	275	
Reissue Filing Fee	790	395	
Provisional Filing Fee	160	80	
Subtotal (1) \$	790		


FEE CALCULATION (continued)**2. EXTRA CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20	18	9
Each independent claim over 3	88	44
Multiple dependent claims	300	150
For Reissues, each claim over 20 and more than in the original patent	18	9
For Reissues, each independent claim more than in the original patent	88	44
Total Claims	Extra Claims	Fee (\$)
- 20 or HP = $\frac{\text{Total Claims} - 20}{\text{HP}} \times \text{Fee}$		
HP = highest number of total claims paid for, if greater than 20		
Indep. Claims	Extra Claims	Fee (\$)
- 3 or HP = $\frac{\text{Indep. Claims} - 3}{\text{HP}} \times \text{Fee}$		
HP = highest number of independent claims paid for, if greater than 3		
Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)

Subtotal (2) \$**3. OTHER FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
1-month extension of time	110	55	
2-month extension of time	430	215	
3-month extension of time	980	490	
4-month extension of time	1,530	765	
5-month extension of time	2,080	1,040	
Information disclosure stmt. fee	180	180	
37 CFR 1.17(q) processing fee	50	50	
Non-English specification	130	130	
Notice of Appeal	340	170	
Filing a brief in support of appeal	340	170	
Request for oral hearing	300	150	
Other Extension of Time with Deduction		550	
Subtotal (3) \$	550		

SUBMITTED BY

Signature		Registration No. 36,610	Telephone 617.994.4900
Name (Print/Type)	Steven M. Mills	(Attorney/Agent)	Date 12/1/04

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.